

Title (en)

Epoxide and rubber based curable compositions having good adhesion direct to metal.

Title (de)

Auf Epoxid und Gummi basierende härtbare Mischungen mit guter Direktklebung an Metall.

Title (fr)

Compositions durcissables à base d'époxyde et de caoutchouc ayant une bonne adhésion directe aux métaux.

Publication

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Application

EP 88115551 A 19880922

Priority

US 10170087 A 19870928

Abstract (en)

A one package, stable curable composition contains: (a) a polydiene; (b) a polyepoxide; (c) a sulfur and zinc containing vulcanization system adapted to cure the polydiene and the polyepoxide; and (d) an anhydride containing material effective to promote adhesion of the curable composition to metal. The aforesaid curable composition is suitable for use as an adhesive or sealant.

IPC 1-7

C08L 21/00; **C08L 63/00**; **C08K 5/09**

IPC 8 full level

C09K 3/10 (2006.01); **C08G 59/00** (2006.01); **C08G 59/40** (2006.01); **C08G 59/42** (2006.01); **C08L 21/00** (2006.01); **C08L 63/00** (2006.01); **C09J 163/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [A] DE 1216533 B 19660512 - DEGUSSA
- [A] US 3113036 A 19631203
- [XP] DATABASE CHEMICAL ABSTRACTS, (HOST:STN), ref. 108(22), 1988, no. 188281t, Columbus, Ohio, US; & SU-A-1 366 519 (T.M. MASLENNIKOVA et al.) 15-01-1988

Cited by

US6004425A; DE4027064C1; US6361643B2; US6387508B1; US6204321B1; USH2047H; WO9203514A1; WO0223556A1; DE102013226505A1; US9951211B2; US6448338B1

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